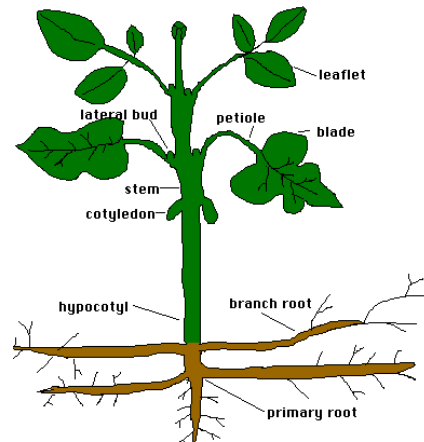
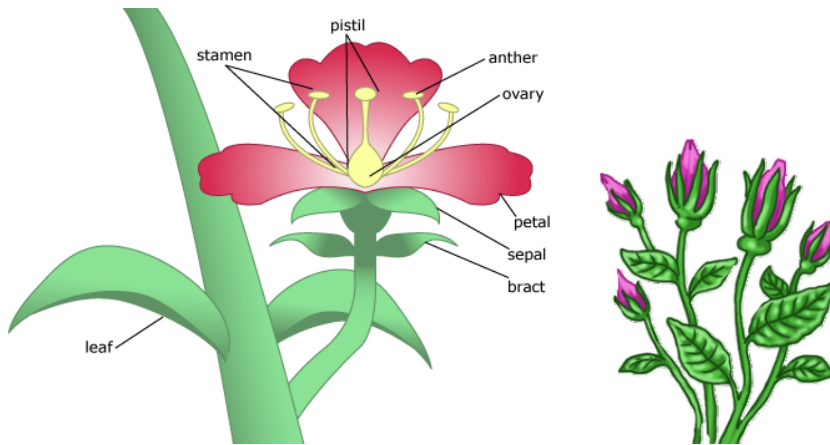


PLANTS

By: Grace





Flower

Most plants have flowers. A flower grows inside a bud. The flower pushes out of the bud. It opens its petals.



A flower has male and female parts. They help to make new plants. The stamen is the male part The pistil is the female part the female part.



Leaves

Leaves grow from the stem. They turn towards the light. Leaves are usually green. Each leaf has veins.

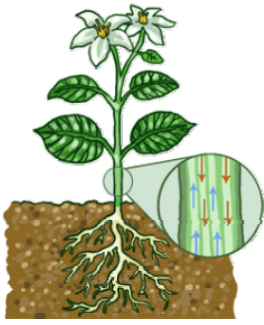


Leaves use light to make food. They also make oxygen. Leaves send food to the rest of the plant. They send oxygen into the air.



Stem

A stem grows up from the roots. It grows towards the light. It supports the plant. Tree trunks are the stems of trees.



Leaves and flowers grow from the stem. The stem has tubes inside of it. The tubes carry water from the roots. They carry food from the leaves.

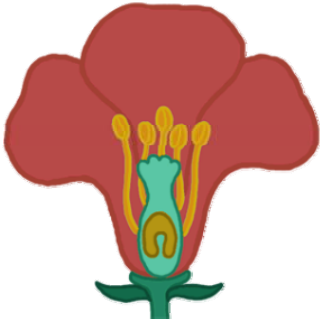


Roots

Roots grow down into the soil. They stop the plant falling over. An oak tree has long, strong roots. A daisy has thin roots.



Tiny hairs cover each root. The hairs take in water and minerals. The water helps the plant make food. The minerals keep the plant healthy.



Pollination

Flowers make new plants. The stamens make pollen. The pistil makes egg cells. The pistil makes to another flower.



Insects get pollen on their bodies. They fly from flower to flower. The pollen rubs off of their bodies. It sticks to the stigma.



Fertilization

The pollen joins with an egg cell. A seed grows inside a fruit. Some fruits are soft, like cherries.

Other fruits are hard, like walnuts.



A seed has a hard case. It has. It also has a food supply. The tiny plant is waiting to grow.



Seed Dispersal

Seeds need space to grow. Birds eat. Some fruits stick to the fur of animals. The seeds are carried to a new place.

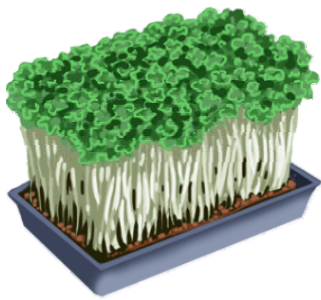


Some plants have away in the wind. They blow tiny fruits. Pea pods burst open. The seeds scatter.



Germination

A seed needs air, warmth, and water. The seed case breaks open. A root grows down to find water. A shoot grows up towards the light.



Some seeds begin to grow quickly. Radish seeds begin to grow in a few days. Acorns take a long time to begin. Some seeds sleep for years.



Growth

A plant needs light to grow. It needs the light to

make food. A plant also needs water. It also needs warmth.



A plant needs light to grow. It needs the light to make food. A plant also needs water. It also needs warmth.

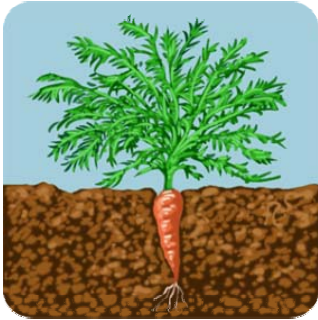


Habitats

Plants live in different habitats. Some habitats are better for growing plants. A hot desert is dry and sandy. A rainforest is wet and warm wet and warm.



A plant adapts to its habitat. A cactus lives in a hot desert. It stores water in its stem. A cactus can live for months without rain.



Plants for Food

People grow plants for food. Carrots and turnips are roots. Spinach and cabbage are flowers. Broccoli and cauliflower are flowers.



Tomatoes and plums are plant fruits plant fruits.

Rice and wheat are plant seeds. These plant seeds can be made into flour. Not all plants are safe to eat.



Plants for Making Things

People make things from plants. Furniture is made from tree trunks. Paper is made from wood. Rubber comes from tree sap.



People use plants to make cloth. Linen is made from flax plants. Scientists get chemicals from plants. They make medicines.